

# Academy for the Arts, Science, and Technology

900 79th Ave. North  
Myrtle Beach, SC 29572

**Grades** 9–12 Career Center

**Enrollment** 302 Students

**Director** Dr. Virginia Simmons

843-839-1412

**Board Chair** Will Garland

843-358-8002

**Superintendent**

Gerrita Postlewait

843-488-6700

## The State of South Carolina

Annual School  
Report Card

2005

### ABSOLUTE RATING

EXCELLENT

Absolute Ratings of Career Centers

Excellent

Good

Average

Below Average

Unsatisfactory

24

10

3

0

1

### IMPROVEMENT RATING

EXCELLENT

### ADEQUATE YEARLY PROGRESS

YES

Definition: As required by the United States Department of Education, Adequate Yearly Progress specifies that the state rating for career and technology centers must be Excellent, Good, Above Average, Average or Below Average.

### SOUTH CAROLINA PERFORMANCE GOAL

By 2010, South Carolina's student achievement will be ranked in the top half of the states nationally. To achieve this goal, we must become one of the fastest improving systems in the country.

**PERFORMANCE TRENDS OVER 4-YEAR PERIOD**

	<b>Absolute Rating</b>	<b>Improvement Rating</b>	<b>Adequate Yearly Progress</b>
<b>2002</b>	Excellent	Excellent	N/A
<b>2003</b>	Excellent	Excellent	Yes
<b>2004</b>	Excellent	Good	Yes
<b>2005</b>	Excellent	Excellent	Yes

**DEFINITIONS OF SCHOOL RATING TERMS**

- **Excellent** – School performance substantially exceeds the standards for progress toward the 2010 SC Performance Goal
- **Good** – School performance exceeds the standards for progress toward the 2010 SC Performance Goal
- **Average** – School performance meets the standards for progress toward the 2010 SC Performance Goal
- **Below Average** – School is in jeopardy of not meeting the standards for progress toward the 2010 SC Performance Goal
- **Unsatisfactory** – School performance fails to meet the standards for progress toward the 2010 SC Performance Goal

**PERFORMANCE BY STUDENT GROUPS**

	<b>Mastering Core Competencies</b>			<b>Receiving Diplomas</b>			<b>Place in Field</b>		
	<b>This Center</b>		<b>State Center Average%</b>	<b>This Center</b>		<b>State Center Average%</b>	<b>This Center</b>		<b>State Center Average%</b>
	<b>n</b>	<b>%</b>		<b>n</b>	<b>%</b>		<b>n</b>	<b>%</b>	
<b>All Students</b>	106	94.3%	81.1%	76	98.7%	92.4%	183	98.4%	97.6%
<b>Students with disabilities on diploma track</b>	2	I/S	73.2%	4	I/S	75.6%	2	I/S	98.5%
<b>Gender</b>									
Male	40	95.0%	77.7%	35	97.1%	90.9%	88	97.8%	98.6%
Female	66	93.9%	85.2%	41	100.0%	93.3%	92	98.9%	96.5%
<b>Racial/Ethnic Group</b>									
White	87	94.3%	89.0%	65	98.5%	95.4%	157	98.1%	98.5%
African American	16	93.8%	73.6%	10	100.0%	86.8%	19	100.0%	96.1%
Asian/Pacific Islander	1	I/S	89.1%	0	N/A	85.1%	N/AV	N/AV	N/AV
Hispanic	1	I/S	81.7%	1	I/S	91.3%	N/AV	N/AV	N/AV
American Indian/Alaskan	0	N/A	76.3%	0	N/A	81.3%	N/AV	N/AV	N/AV
<b>Migrant Status</b>									
Migrant									
Non-migrant									
<b>English Proficiency</b>									
Limited English Proficient	1	I/S	74.6%	0	N/A	86.1%	N/AV	N/AV	N/AV
Non-Limited English Proficient	105	94.3%	81.2%	76	98.7%	92.4%	N/AV	N/AV	N/AV
<b>Socio-Economic Status</b>									
Subsidized meals	27	88.9%	75.1%	21	100.0%	87.8%	18	100.0%	96.5%
Full-pay meals	79	96.2%	85.9%	55	98.2%	94.6%	162	98.2%	98.0%

n = number of students on which percentage is calculated

**DEFINITIONS OF PERFORMANCE RATING TERMS**

- **Mastering Core Competencies**—The percentage of students enrolled in career and technology courses at the center who earn a 2.0 or above on the final course grade.
- **Graduation Rate**—The percentage of 12th grade career and technology students who graduate in the spring.
- **Placement Rate**—The percentage of career and technology completers available for placement over a 3-year period who are actually placed in postsecondary instruction, military services, or employment.

**Abbreviations for Missing Data**

N/A Not Applicable    N/AV Not Available    N/C Not Collected    N/R Not Reported    I/S Insufficient Sample

**SCHOOL PROFILE**

	<b>Our School</b>	<b>Change from Last Year</b>	<b>Median Career Center</b>
<b>Students (n= 302)</b>			
With disabilities other than speech	1.3%	Down from 2.8%	1.8%
Career/technology students in co-curricular organizations	0.0%	No change	18.6%
Enrollment in career/technology center courses	302	Up from 266	643
Students participating in worked-based experiences	81.8%	Down from 100.0%	32.2%

<b>Teachers (n= 28)</b>			
Teachers with advanced degrees	53.6%	Up from 44.0%	25.6%
Continuing contract teachers	89.3%	Up from 80.0%	73.5%
Highly qualified teachers	87.0%	Up from 82.4%	66.7%
Teachers with emergency or provisional certificates	3.7%	Down from 12.0%	15.1%
Teachers returning from previous year	84.1%	Down from 86.3%	88.9%
Teacher attendance rate	96.4%	Up from 95.2%	95.6%
Average teacher salary	\$46,517	Up 5.3%	\$43,493
Prof. development days/teacher	27.0 days	Up from 18.4 days	13.6 days

<b>School</b>			
Director's years at Center	1.0	Down from 1.5	3.0
Dollars spent per pupil*	\$9,238	Up 6.3%	\$3,353
Percent of expenditures for teacher salaries*	54.0%	Up from 53.8%	52.3%
Parents attending conferences	95.0%	Down from 99.0%	83.8%
SACS accreditation	Yes	No change	Yes

\* Prior year audited financial data are reported.

	<b>Our District</b>	<b>State</b>
Highly qualified teachers in low poverty schools	76.8%	89.4%
Highly qualified teachers in high poverty schools	90.1%	90.1%

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**REPORT OF DIRECTOR AND SCHOOL IMPROVEMENT COUNCIL**

The Academy for the Arts, Science, and Technology experienced a plethora of successes for students and teachers during the 2004-05 school year. The Academy was invited by the Southern Regional Education Board to present at their national conference as one of the top 50 High Schools That Work (HSTW) sites in which a high percentage of students meet the HSTW reading goal. In addition, the school was host to the International Blue Ribbon Conference.

Our students, who come to us from the nine base high schools in the district, have earned a number of awards and recognitions in their individual major areas. Through mentorships, shadowing experiences, and internships, students are guided in making choices for career and college. Also, all of our senior completers successfully met the requirements for their yearlong Senior Exhibition of Mastery projects.

The honors and recognitions come as a result of the implementation of the Academy's philosophy to provide students with personalized, integrated, technologically supported, mastery based programs of study. An example of an honor was that our pre-engineering majors were invited to the international robotics competition after only one year competing on the state level.

Flexible scheduling and tutoring provide academic assistance as needed. The Academy continues to adjust the level of academic courses offered to students. This year, six Advanced Placement courses were offered, and next year we plan to add four more AP courses and institute an Environmental Science major. Support team meetings with parents, teachers, and students allow for achievement and improvement goals to be set and for progress to be reported periodically. With our continued emphasis on standards in all curricular areas, we are committed to maintaining high levels of achievement and performance by our students.

During this school year the Academy vigorously pursued the performance goals it has set to increase our students' academic achievement and to support our district's initiatives for attaining educational excellence. Our teachers are involved in a continuous process of professional development and evaluation to ensure that our students receive the best education possible. The Academy has focused on increased ties with the community. This year as part of a new Community Outreach Program, we are offering courses for all ages. We held an EXPO 05 day for the community to come through our doors and enjoy the many offerings of the school.

The Academy believes that today's students must be connected to the global community.

Exchanges, studies, research and connections have been established with Academy students/staff and other parts of the world, especially with peers in Russia. Together, students, teachers, parents, and community members will work jointly to continue our school's continued progress through the 2005-06 school journey.

Sally Kee, School Improvement Council Chair  
Virginia Simmons, Principal

**EVALUATIONS BY TEACHERS, STUDENTS, AND PARENTS**

	Teachers	Students*	Parents*
Number of surveys returned	22	97	87
Percent satisfied with learning environment	100.0%	91.8%	89.2%
Percent satisfied with social and physical environment	95.5%	92.7%	91.9%
Percent satisfied with school-home relations	100.0%	85.4%	64.7%

\*Only eleventh grade students and their parents were included.